

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A graphical code reader, comprising:
 - an image sensor;
 - a first lens for focusing light reflected from a graphical code to form a first image on a first region of the image sensor at a first magnification, wherein the first lens is separated from the first region of the image sensor by a first distance;
 - a second lens for focusing light reflected from the graphical code to form a second image on a second region of the image sensor at a second magnification, wherein the second lens is separated from the second region of the image sensor by a second distance, and wherein the first distance is greater than the second distance and the first magnification is greater than the second magnification;
 - and
 - a decoder for processing image data to obtain information contained in the graphical code.
2. (Original) The graphical code reader as defined in claim 1, wherein the first lens is substantially identical to the second lens.
3. (Original) The graphical code reader as defined in claim 2, wherein the first lens and the second lens are fixed in position.
4. (Original) The graphical code reader as defined in claim 2, wherein the image data corresponds to either the first image or the second image.
5. (Original) The graphical code reader as defined in claim 2, wherein the image data corresponds to both the first image and the second image, and wherein the decoder is configured to detect and suppress redundant image data.

6. (Original) The graphical code reader as defined in claim 2, wherein a first area between the first lens and the first region of the image sensor defines a first optical path, wherein a second area between the second lens and the second region of the image sensor defines a second optical path, and further comprising at least one baffle for preventing light in the first optical path from entering the second optical path and for preventing light in the second optical path from entering the first optical path.

7. (Original) The graphical code reader as defined in claim 2, further comprising a third lens for focusing light reflected from the graphical code to form a third image on a third region of the image sensor, wherein the third lens is separated from the third region of the image sensor by a third distance, and wherein the third distance is greater than the second distance but less than the first distance.

8. (Currently Amended) A graphical code reader, comprising:

a first image sensor;

a first lens for focusing light reflected from a graphical code to form a first image on the first image sensor at a first magnification, wherein the first lens is separated from the first image sensor by a first distance;

a second image sensor;

a second lens for focusing light reflected from the graphical code to form a second image on the second image sensor at a second magnification, wherein the second lens is separated from the second image sensor by a second distance, and wherein the first distance is greater than the second distance and the first magnification is greater than the second magnification; and

a decoder for processing image data to obtain information contained in the graphical code.

9. (Original) The graphical code reader as defined in claim 8, wherein the first lens is substantially identical to the second lens.

10. (Original) The graphical code reader as defined in claim 9, wherein the first lens and the second lens are fixed in position.

11. (Original) The graphical code reader as defined in claim 9, wherein the image data corresponds to either the first image or the second image.

12. (Original) The graphical code reader as defined in claim 9, wherein the image data corresponds to both the first image and the second image, and wherein the decoder is configured to detect and suppress redundant image data.

13. (Original) The graphical code reader as defined in claim 9, wherein a first area between the first lens and the first image sensor defines a first optical path, wherein a second area between the second lens and the second image sensor defines a second optical path, and further comprising at least one baffle for preventing light in the first optical path from entering the second optical path and for preventing light in the second optical path from entering the first optical path.

14. (Original) The graphical code reader as defined in claim 9, further comprising:

a third image sensor; and

a third lens for focusing light reflected from the graphical code to form a third image on the third image sensor, wherein the third lens is separated from the image sensor by a third distance, and wherein the third distance is greater than the second distance but less than the first distance.

15. (Original) A graphical code reader, comprising:

an image sensor;

a first lens for focusing a first image of a graphical code onto a first region of the image sensor at a first magnification, wherein the first image comprises a first field of view;

a second lens for focusing a second image of the graphical code onto a second region of the image sensor at a second magnification, wherein the second image comprises a second field of view, wherein the first magnification is greater than the second magnification, and wherein the first field of view is smaller than the second field of view; and

a decoder for processing image data to obtain information contained in the graphical code.

16. (Original) The graphical code reader as defined in claim 15, wherein the first lens is substantially identical to the second lens.

17. (Original) The graphical code reader as defined in claim 15, wherein the first lens and the second lens are fixed in position.

18. (Original) The graphical code reader as defined in claim 15, wherein the first region and the second region correspond to distinct partitions of the image sensor.

19. (Original) A graphical code reader, comprising:

a first image sensor;

a first lens for focusing a first image of a graphical code onto the first image sensor at a first magnification, wherein the first image comprises a first field of view;

a second image sensor;

a second lens for focusing a second image of the graphical code onto the second image sensor at a second magnification, wherein the second image comprises a second field of view, wherein the first magnification is greater than the second magnification, and wherein the first field of view is smaller than the second field of view; and

a decoder for processing image data to obtain information contained in the graphical code.

20. (Original) The graphical code reader as defined in claim 19, wherein the first lens is substantially identical to the second lens.

21. (Original) The graphical code reader as defined in claim 19, wherein the first lens and the second lens are fixed in position.